AMD Radeon™ HD 7470/HD 7450 GPU Features Summary

- 625-750 MHz engine clock
- 512MB-1GB DDR3/GDDR5 memory
- 533-800 MHz DDR3 (1.066-1.6 Gbps) or 800-900 MHz GDDR5 (3.2-3.6 Gbps) memory clock
- 8.5-12.8 GB/s (DDR3) or 25.6-28.8 GB/s (GDDR5) memory bandwidth
- 200-240 GFLOPS Single Precision compute power
- TeraScale 2 Unified Processing Architecture
    - 160 Stream Processing Units
    - 8 Texture Units
    - 16 Z/Stencil ROP Units
    - 4 Color ROP Units
- GDDR5/DDR3 memory interface
- PCI Express 2.1 x16 bus interface
- DirectX® 11 support
        - Shader Model 5.0
        - DirectCompute 11
        - Programmable hardware tessellation unit
        - Accelerated multi-threading
        - HDR texture compression
        - Order-independent transparency
    - OpenGL 4.1 support
    - Image quality enhancement technology
        - Up to 12x multi-sample and super-sample anti-aliasing modes
        - Adaptive anti-aliasing
        - Morphological anti-aliasing (MLAA)
        - 16x angle independent anisotropic texture filtering
        - 128-bit floating point HDR rendering
- AMD Eyefinity multi-display technology[2]
    - Native support for up to 4 simultaneous displays
        - Up to 4 displays supported with DisplayPort 1.2 Multi-Stream Transport
    - Independent resolutions, refresh rates, color controls, and video overlays
    - Display grouping
        - Combine multiple displays to behave like a single large display
- AMD App Acceleration[1]
        - OpenCL 1.1
        - DirectCompute 11
        - Accelerated video encoding, transcoding, and upscaling[2]
- AMD HD Media Accelerator
        - MPEG-4 AVC/H.264
        - VC-1
        - MPEG-2 (SD & HD)
        - Multi-View Codec (MVC)
        - MPEG-4 part 2 (DivX, xVid)
        - Adobe Flash
- Enhanced video quality features
        - Advanced post-processing and scaling

- Dynamic contrast enhancement and color correction
- Mosquito noise reduction
- Brighter whites processing (blue stretch)
- Advanced color correction
- Independent video gamma control
- Flesh tone correction
- Color vibrance control
- Dynamic contrast
- Dynamic video range control
- Dual-stream 1080p playback support
- DXVA 1.0 & 2.0 support

AMD HD3D technology[3]

- Stereoscopic 3D display/glasses support
- Blu-ray 3D support
- Stereoscopic 3D gaming
- 3rd party Stereoscopic 3D middleware software support

Cutting-edge integrated display support

- DisplayPort 1.2
- Max resolution: 2560x1600 per display
- Multi-Stream Transport
- 21.6 Gbps bandwidth
- High bit-rate audio
- HDMI 1.4a with Stereoscopic 3D Frame Packing Format, Deep Color, xvYCC wide gamut support,
- Max resolution: 1920x1200
- Dual-link DVI with HDCP
- Max resolution: 2560x1600
- VGA
- Max resolution: 2048x1536

Integrated HD audio controller

- Output protected high bit rate 7.1 channel surround sound over HDMI or DisplayPort with no
- Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats

AMD PowerPlay™ power management technology[4]

- Dynamic power management with low power idle state

AMD Catalyst™ software and HD video configuration software

- Unified graphics display drivers
- Certified for Windows 7, Windows Vista, and Windows XP
- AMD Catalyst Control Center™
- Software application and user interface for setup, configuration, and accessing special